

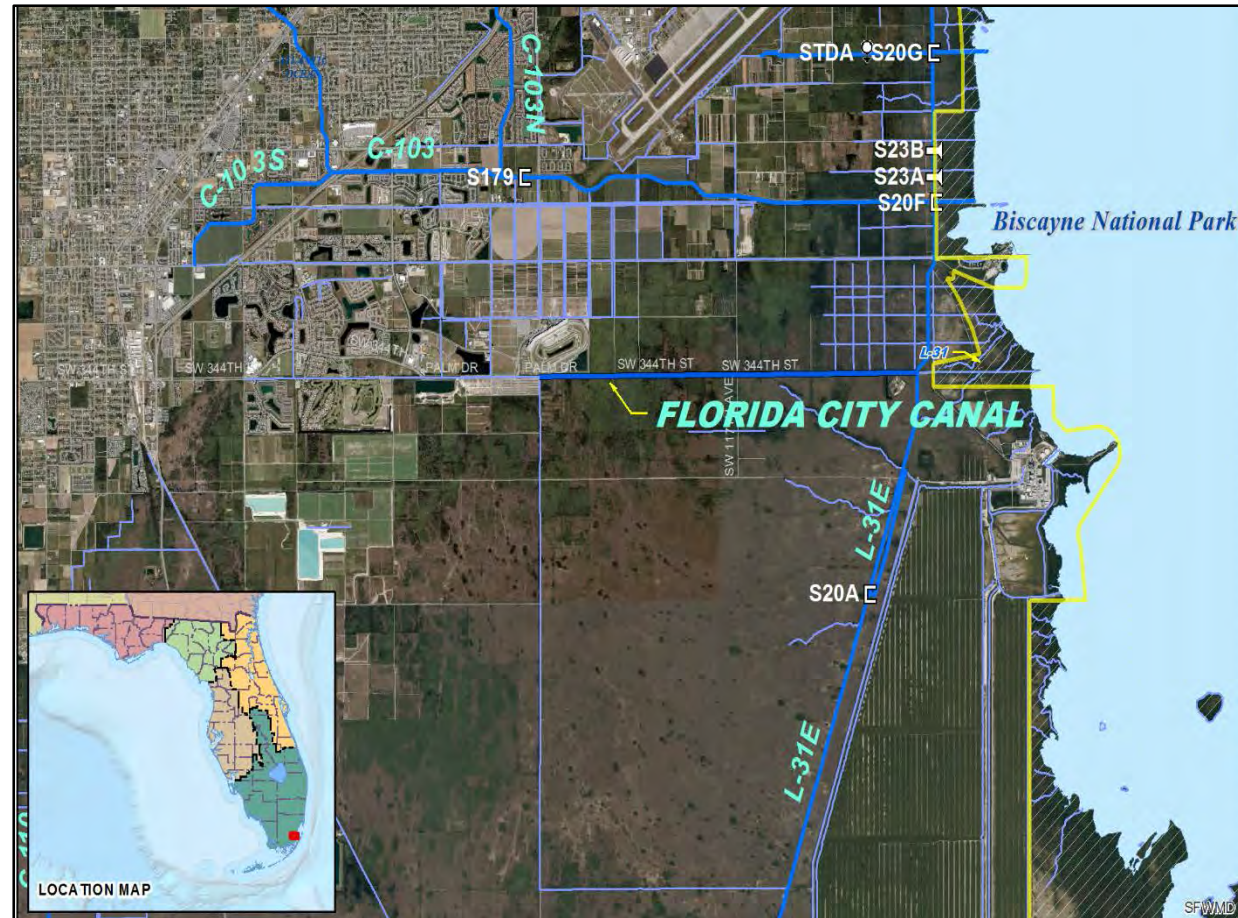


Florida City Canal Structure

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South Florida Water Management District
Project and Lands Committee
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Florida City Canal

- Owned, operated and maintained by Miami-Dade County
- Tributary to the L-31E and C-103 canal systems
- Stormwater outfall via S-20F to Biscayne Bay in Biscayne National Park



Model Lands Area Rehydration

- Cooperative agreement with Miami-Dade County for \$350,000
- Miami-Dade County to construct, operate and maintain a water control structure in the Florida City Canal to rehydrate Model Lands area
- Purpose:
 - Reduces point source discharges to Biscayne Bay
 - Rehydrates freshwater wetlands
 - Promotes groundwater recharge
 - Helps mitigate saltwater intrusion
 - Maintains existing level of service for flood protection



Proposed Structure, Status and Budget

- Gravity flow with five 42-inch barrel diameter pipes
 - Three pipes with flap gates to reduce discharges to tide and promote flow to natural areas
 - Two pipes with manual gates to accommodate pre-storm drawdown and storm event operations

Task	Status
Planning	Complete
Survey	Complete
Final Design	Complete
Permitting	Complete
Structure Construction	Pending

	Amount
SFWMD cost	\$350,000*
Miami-Dade cost	\$507,749
Total project cost	\$857,749

*Includes \$230,000 pending construction completion

Construction Timeline

- **December 11, 2015:** Project advertised to the public for bidding
- **January 13, 2016:** Due date for bids
- **March 2016:** Project award
- **April 2016:** Construction start
- **September 2016:** Construction complete





Discussion